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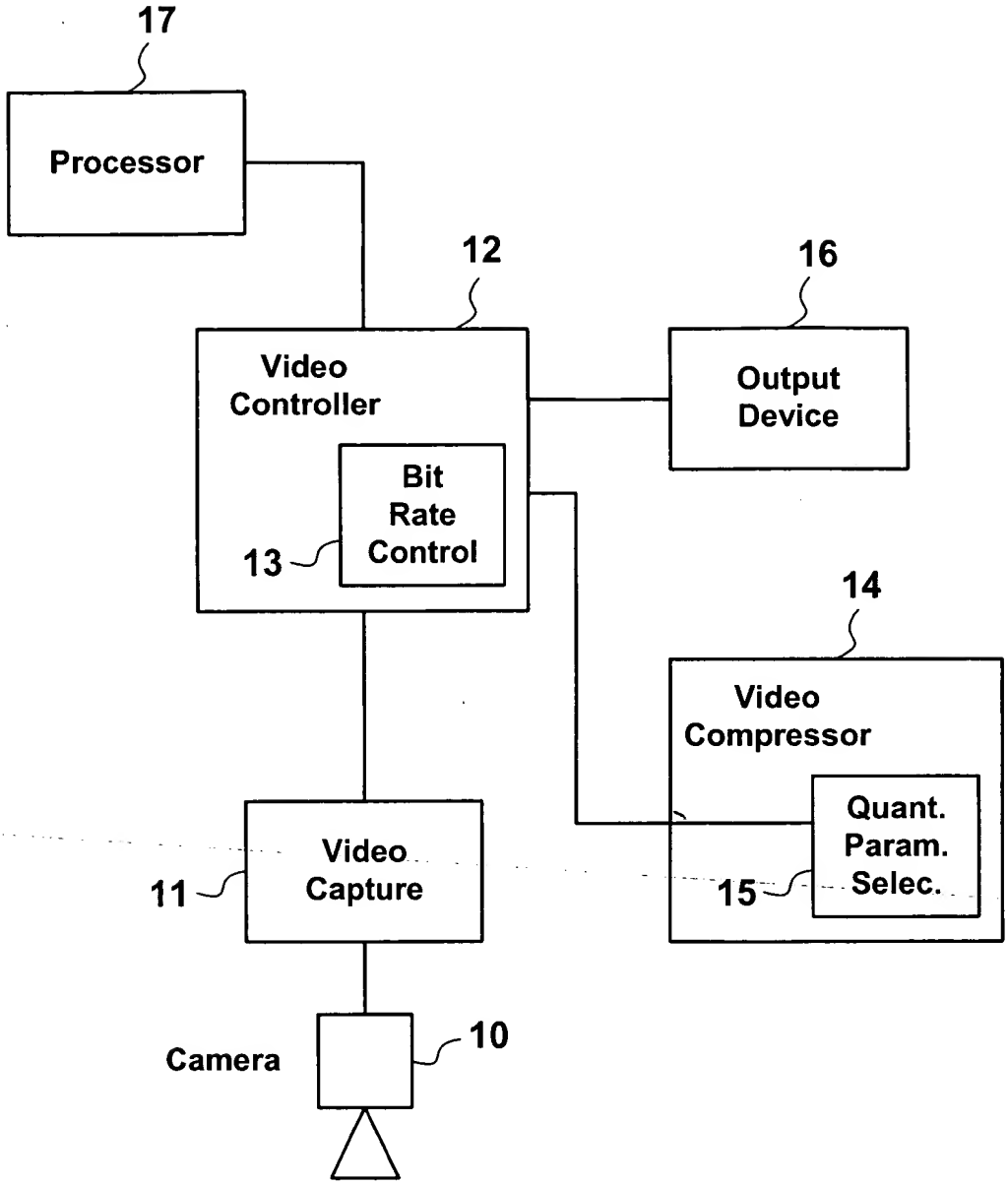

Fig. 1

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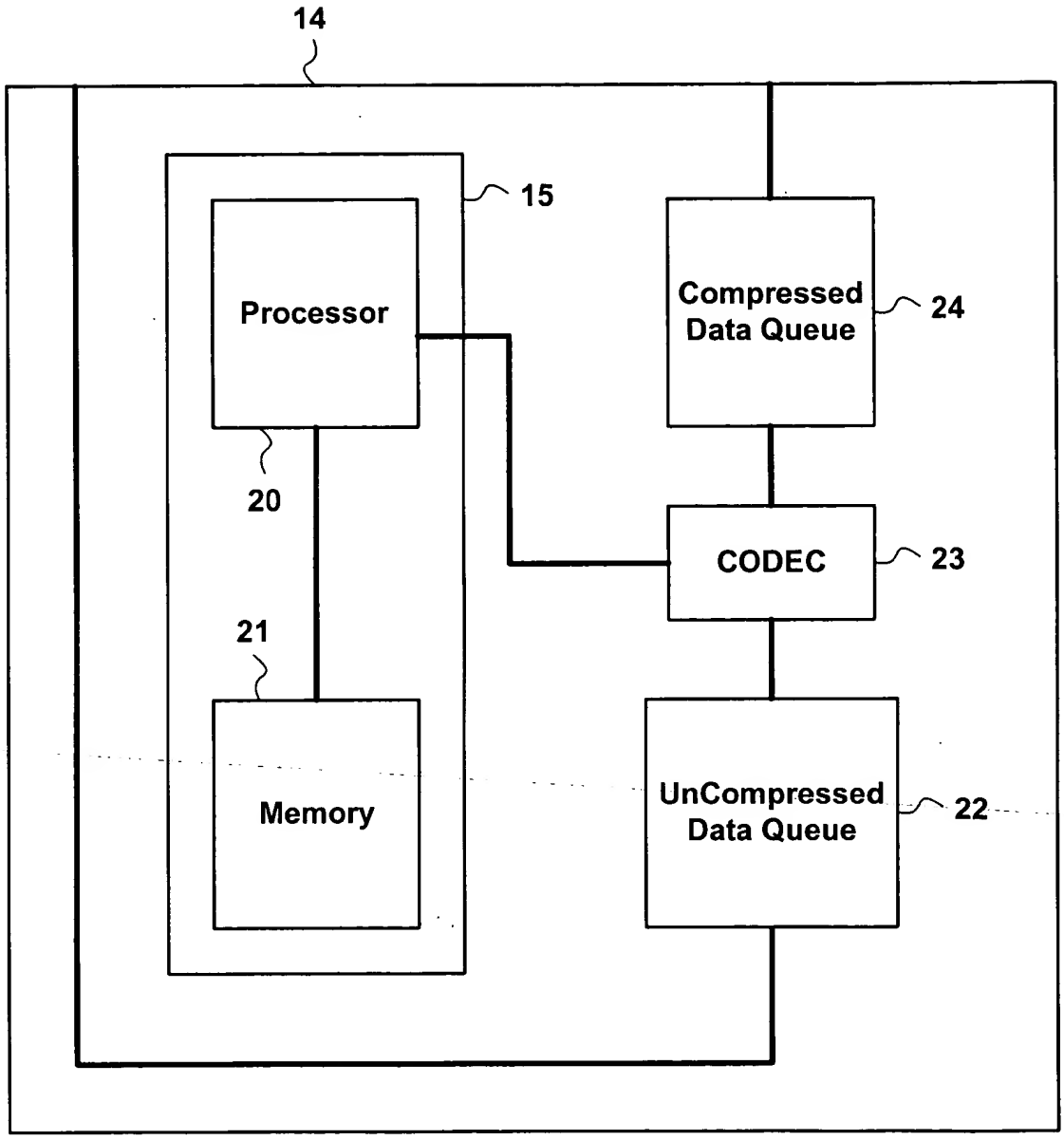

Fig. 2

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STEPS →	Wavelet Decomp.	Motion Estimation	Difference Image Encoding	Difference Image Decoding	Motion Compensa-tion	Wavelet Recomp
Initial-trial encoding pass	X	X	X	?		
Retrial encoding pass			?	?		
Final encoding pass			?	X	X	X

First Order Sub-Steps →	Calculate Average Activity	Determine Adaptive Quant. Level	Forward Block Transform	Block Quanti-zation	Zig-Zag run - length coding	Generate Bit Stream	Block De-quantization	Inverse Trans-form
Initial-trial encoding pass	X	X	X	X	X	X	DC Coeff. Only	
Retrial encoding pass		X		X	X	X	DC Coeff. Only	
Final encoding pass						?	X	X

Second Order Sub-Steps →	Generate GOP, Picture, and Band Header	Generate Tile and Below Bit Stream
Initial-trial encoding pass	X	X
Retrial encoding pass	X	X
Final encoding pass	X	

Fig. 3

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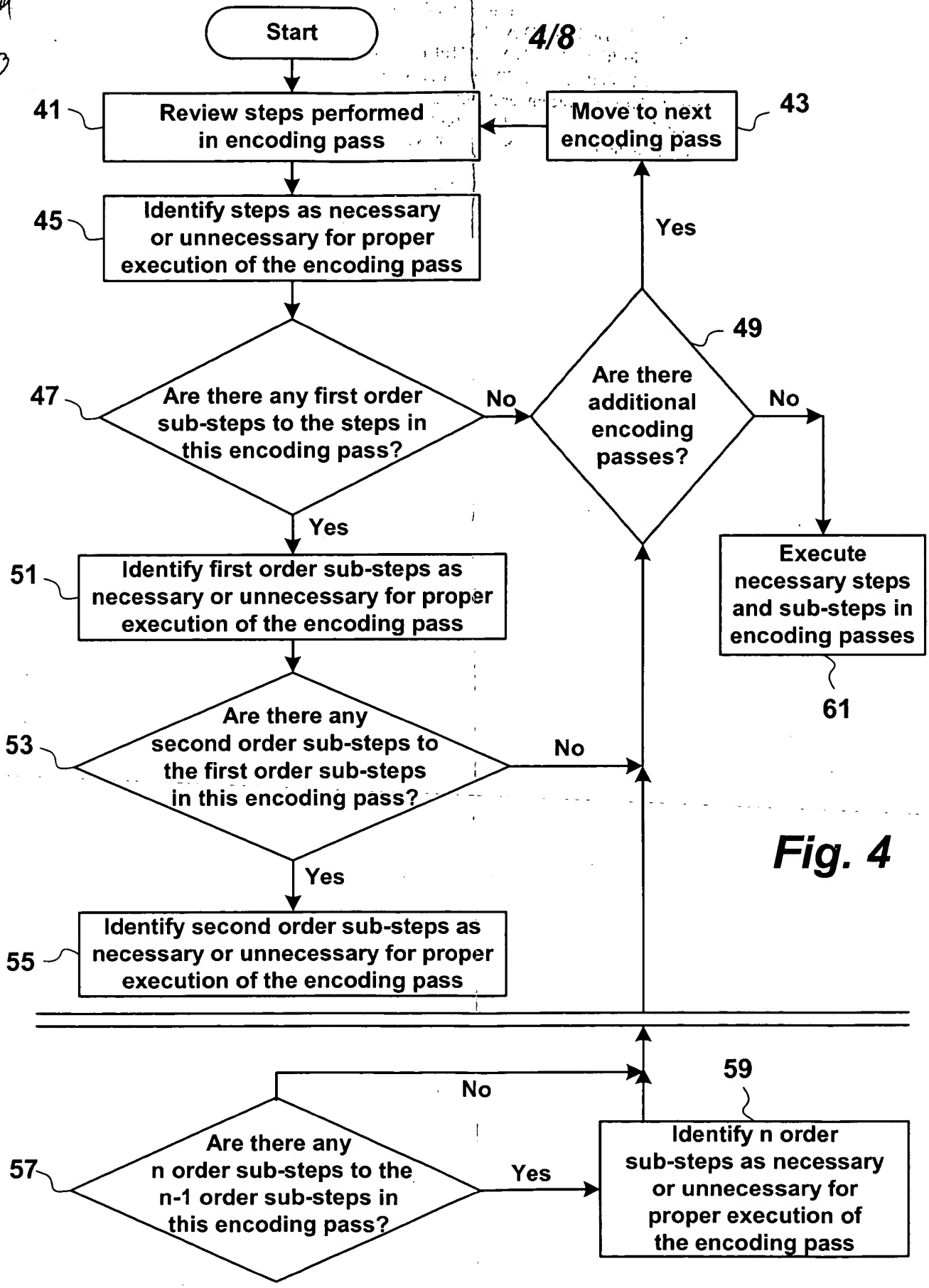

Fig. 4

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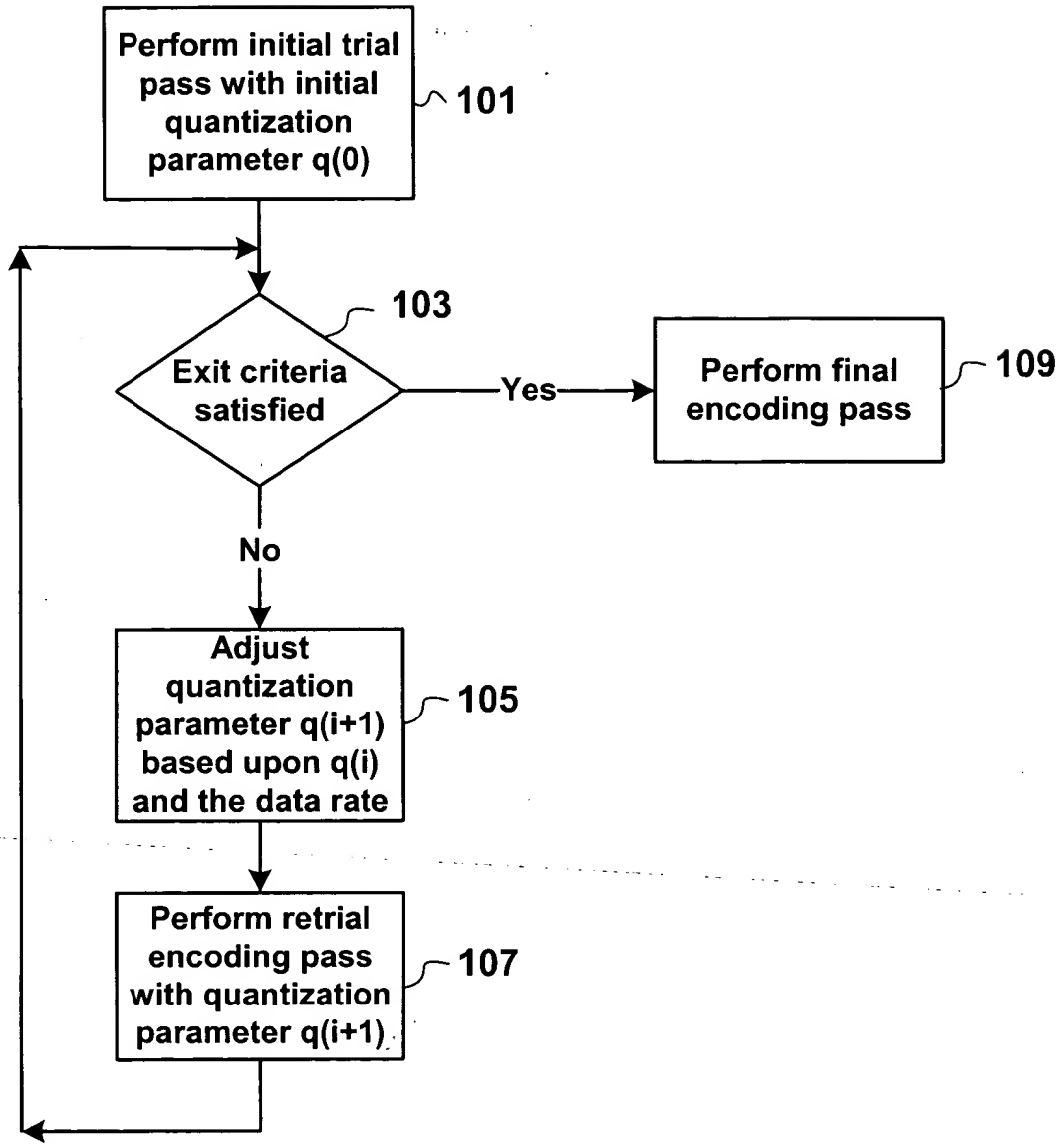

Fig. 5

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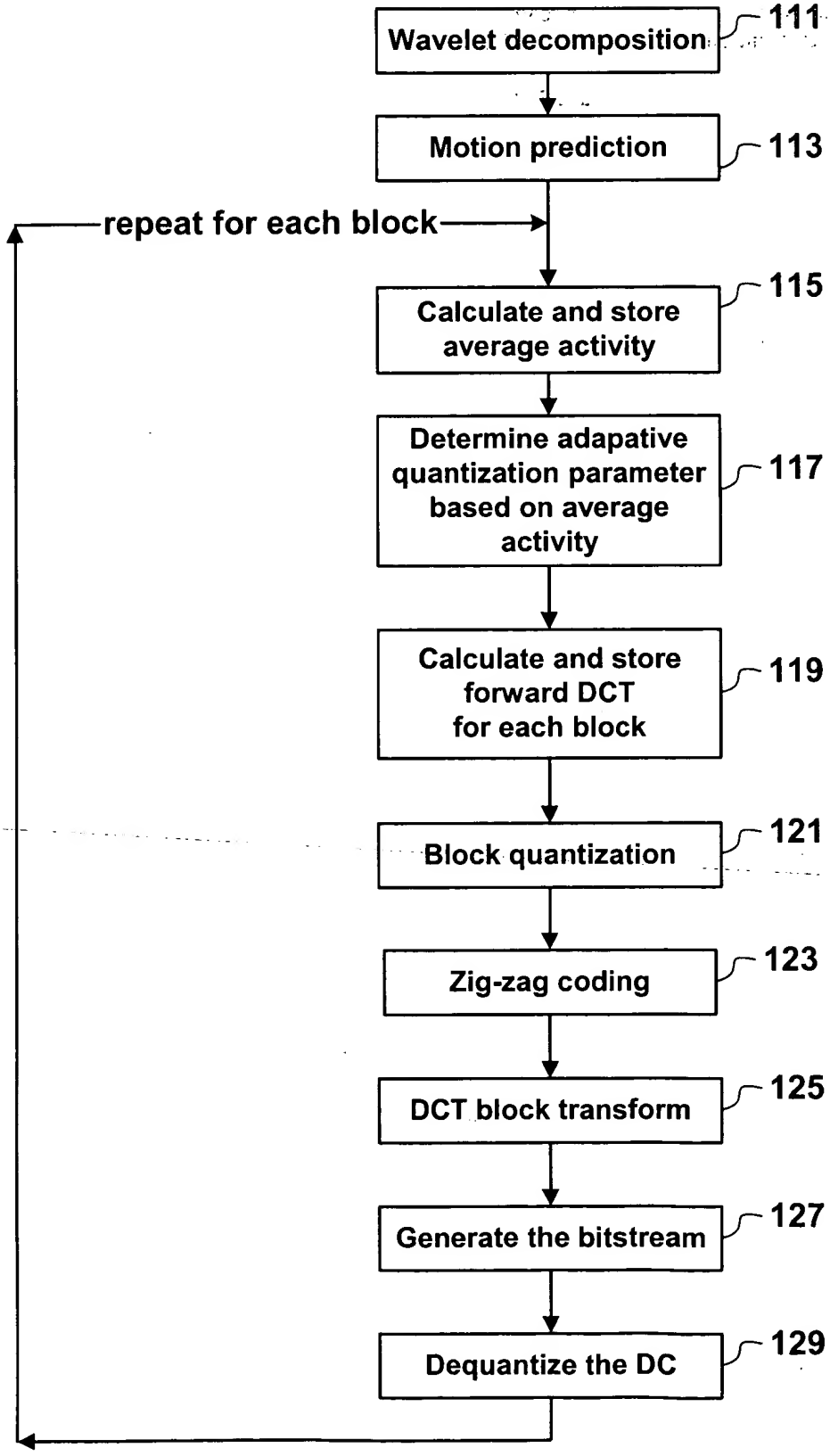

Fig. 6a

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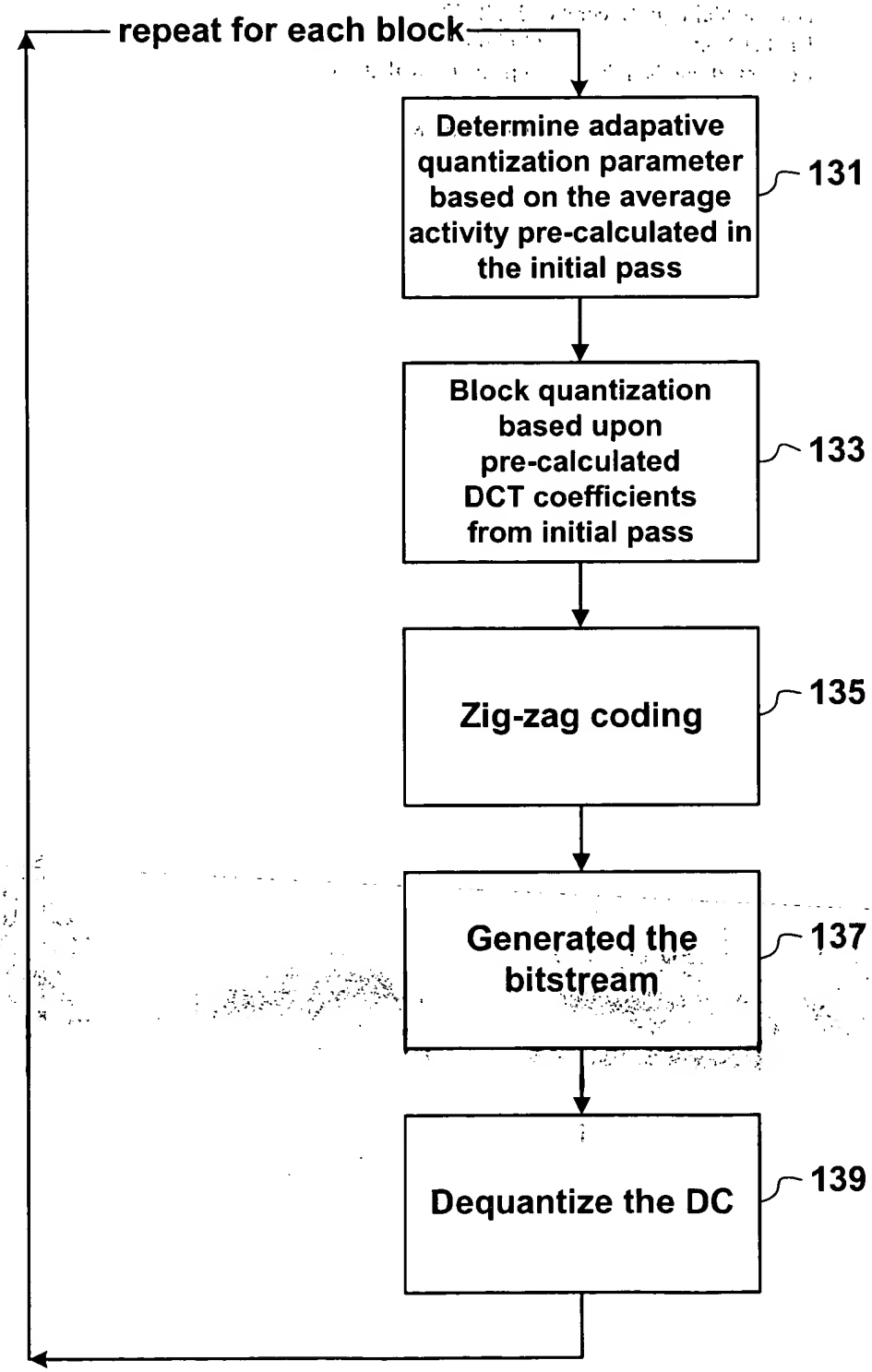

Fig. 6b

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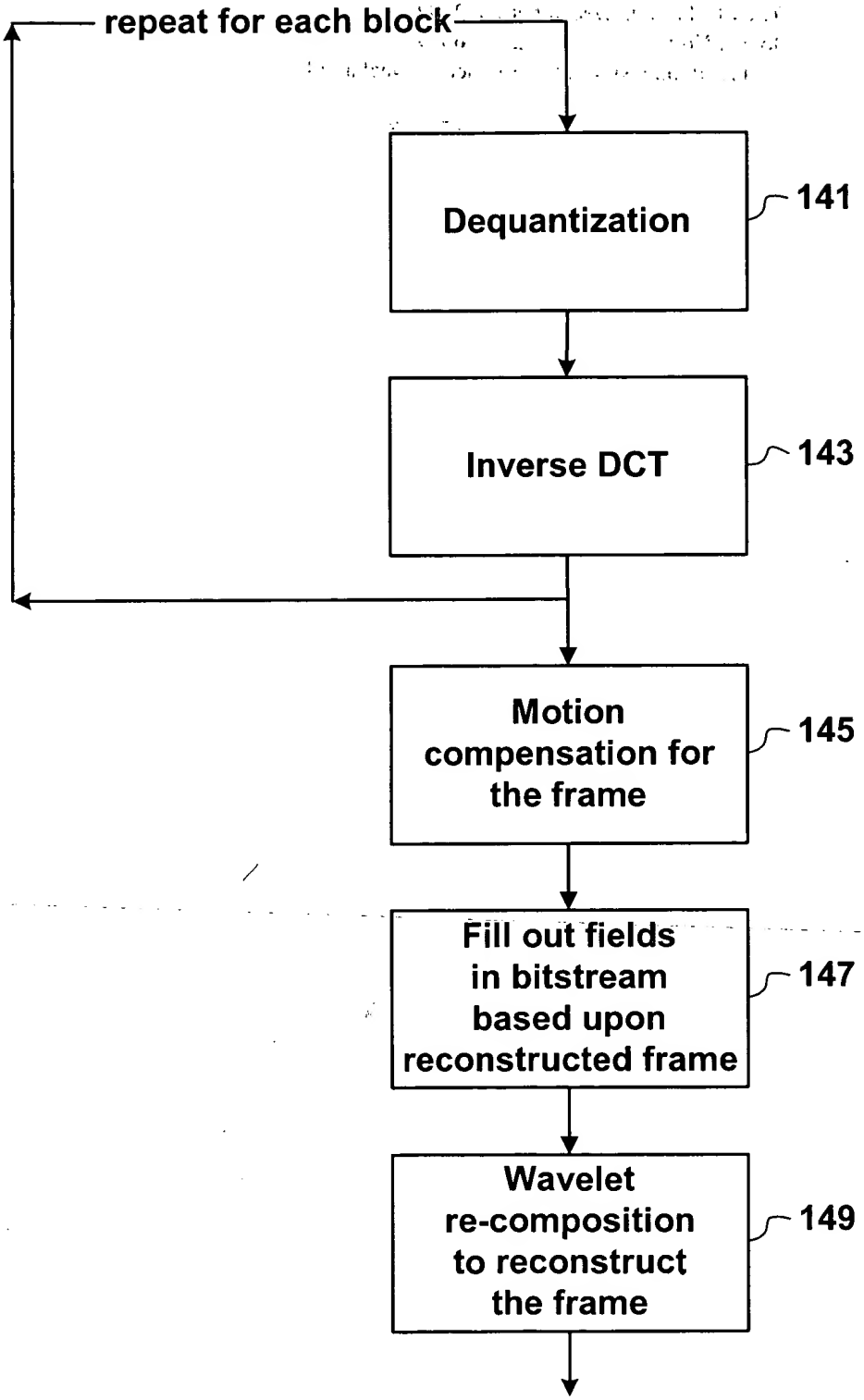

Fig. 6c